

Large spill into tidal waters and non tidal waters reached in 48 hours and 15 miles from dock:

Time of Spill:	1300
Date of Spill:	August 10, 2002
Spill Source:	Superior Crude Gathering, Inc.
Quantity Spilled:	100,000 Gallons
Product Type:	#6 Crude
Spill Cause:	Burst Transfer Hose

Rationale for worst case discharge parameters:

Superior will not be transferring during periods of adverse weather conditions. It would be more likely that adverse weather would hit during the clean up phase of an oil spill. Due to the location of the dock, Superior can fall under both open bays and river or cuts. The I.S. W. can be just as rough as the open bay waters it runs through.

In this case the spill would occur the exact way it did in scenario #3, The transfer is nearing completion scheduled. A strong tropical wave moves in around 1400 with winds at 24 kts gusting to 40 kts out of the southeast and continuing downpours with wave heights of two feet. A few funnel clouds and waterspouts are being reported.

- 1300 The hose bursts on the Superior dock while the tankerman and dockman are eating dinner in the barge and not watching the transfer.
- 1315 The dockman looks out the window on the barge and sees oil pumping into the water over the dock.
- 1320 The dockman uses the emergency stop to secure the pump. Oil continues to drain out of the line.
- 1322 The dockman begins notifications.
- 1323 Response Contractor is notified that 100,000 gallons of oil has been spilled.
- 1325 Response Contractor subcontract another DCO to respond with them. The dockman notifies NRC.
- 1330 The state response center is notified.
- 1335 The local USCG is notified.
- 1340 The local TGLO is notified.
- 1345 The facility response team is notified.
- 1355 The dockman and worker close all valves and begin deploying the facility skiff to deploy the boom.
- 1400 The dockman and the worker notice that a large storm is approaching and that the wind is getting stronger.
- 1410 The boat is in the water but high winds and rain make it unsafe for the dockman and worker to attempt containment.

1440 Q.I. and Response Contractor arrive on scene. The Q.I. tells Response Contractor to stand by till the storms subside because several waterspouts and funnel clouds have been spotted. The oil is quickly moving towards the intersection of the I.C.W. and Corpus Christi Ship Channel.

1500 The storm has subsided, winds of 20 kts continue and rain has slowed to a drizzle. Response Contractor begins to deploy boats, most of the oil has been blown towards the ship channel, and very little remains at the dock. An estimated quantity of 35,000 gallons has spilled on the land and, has flowed into a marsh area behind the dock.

1510 The boats are deployed and Response Contractor is evaluating the spill. Subcontractor one arrives at this time.

1530 Response Contractor reports to the Q.I. that the oil has flowed past the Garrett Slip and to Aker J Gulf Marine and into the ship channel. It is impacting the spoils across from Koch Ingleside.

1550 Response Contractor and subcontractor one begin deploying deflection boom at Aker and Koch. The Q.I. calls for more contractors and additional vacuum trucks. Response Contractor calls for its skimming barge to be brought from Corpus Christi.

1640 All the boom is in place, crews are starting to deploy boom at the spoil island to keep oil out of Corpus Christi Bay and contained at the spoil island.

1645 Three 70 barrel vacuum trucks are sent to Aker to start cleaning, two are sent to Koch.

1658 Subcontractor two arrives with 5000 ft of boom, 4 laborers, and 1 boat.

1710 Subcontractor three arrives with 2000 ft of boom, 5 vacuum trucks, two boats and 10 laborers. Subcontractor ones additional crews arrive with 5000 ft of boom and 1 boat.

1730 Six 70 barrel vacuum trucks arrive.

1745 Fourteen 70 barrel vacuum trucks are working, due to rough seas. Recovery is slow and full trucks are sent to Superior to off load oil. Three 200 barrel transports arrive to help store oil/water mixtures.

1800 The spoil island is completely boomed and no oil has made it into Corpus Christi Bay.

1830 Crews are cleaning the shoreline of oiled debris and are washing oil towards Koch Ingleside.

1845 The amount of oil at Aker is estimated at 10,000 gallons. The amount at Koch is estimated at 35,000 gallons, and the amount at the spoil island is estimated at 20,000 gallons. A total of 30 vacuum trucks, 78 laborers, 6 weir skimmers, and 10 boats are on scene with 15,000 ft of boom deployed.

2000 Lights are on scene for continued night operations.

2030 Response Contractor arrives with one boat, 3 000 ft of boom and 6 laborers with additional sorbent material.

2100 The skimming barge from Corpus Christi arrives and is starting to recover oil around the spoil island. An estimated 100barrels of oil/water mixture is being recovered. The FOSC gives permission to decant bringing the rate of recovery to 90 barrels of oil an hour.

2359 All the oil is contained. Approximately 5,000 gallons remain at Aker, 30,000 at Koch and 12,000 at the spoil island.

August 11, 2002

0600 First light shows approximately 500 gallons left at Aker, 15,000 at Koch, and 1,000 at the spoil island.

0700 Six (6) vacuum trucks from Aker are sent to Koch. The wind and waves continue. Shoreline washing continues, and recovery at the spoil island is slowed due to the lessening volume of oil.

0900 The pumping system from the skimming barge is moved to the shore and inflatable bladders are moved in for shallow water recovery.

1100 Three vacuum trucks at the marsh report ninety percent completion, and sorbents are placed in the marsh. Earth moving equipment arrives to remove the contaminated soil around the marsh.

1300 Cleanup at Aker is finished and sorbents are placed in the water to recover the sheen left from the spill.

1400 Approximately 5,000 gallons remain at Koch, and 500 gallons at the spoils. Wash crews continue to wash effected shorelines.

1600 Approximately 1,000 gallons remain in the water at Koch, and 250 remain at the spoil island.

2000 Approximately 500 gallons remain in the water at Koch. Ten vacuum trucks remain on scene. 50 gallons of oil remain in the water at the spoil island.

August 12, 2002

0100 Koch is cleaned. The oil wash crews continue to produce. Recovery at the spoils is complete. Sorbents line the beach backed by hard boom and additional sorbents. The oil on the beach is being low pressure washed and sorbents remain in place.

0600 Wash crews are finished except for the spoil island.

0900 The cleanup is deemed complete in accordance with the National Contingency Plan.

1000 State, Federal, Facility and spill response personnel meet. Boom is to line shoreline and sorbents are to be changed daily until sheen stops.

1100 Cleanup complete.

1200 All reports finished.

1230 End response.